

262 258 SWITCHED CONFIGURATION **PATHS** LABEL **PACKETS OUT** SIGNALING OPERATION(S) (e.g., RSVP/TE) INTERIOR GATEWAY PROTOCOLS WITH TRAFFIC ENGINEERING (TE) EXTENSIONS PATH SELECTION OPERATION (e.g., CSPF) CONSTRAINT-BASED The state of the s 232 PACKET FORWARDING OPERATION SELECTION OPERATION(S) 210 270 DATABASE (TED) ENGINEERED 256 TRAFFIC FIGURE 2 The state of the s 230 200 254 (LSP) PATH SELECTION OPERATION ROUTING PROTOCOLS 'INTERIOR GATEWAY (e.g., OSPF, IS-IS, etc. 252 242 240 **PACKETS IN** SELECTION OPERATION (IGP) ROUTE DATABASE LINK STATE ROUTING OPERATION 260 250 ROUTES 220

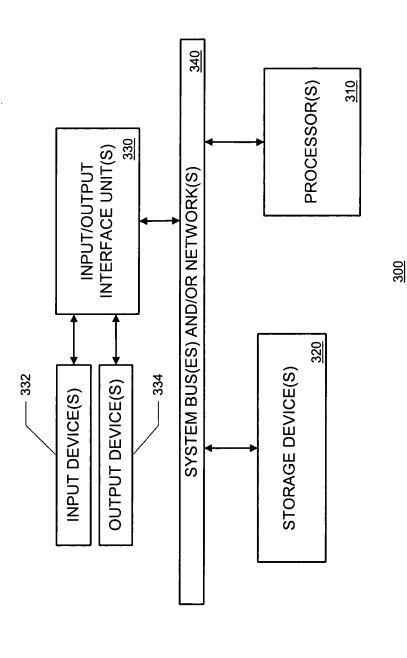
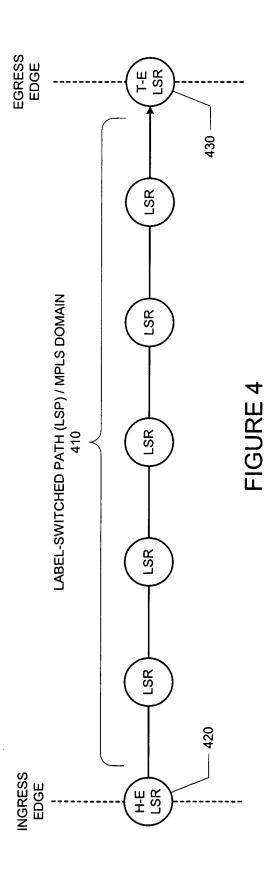


FIGURE 3



192.4.2.1 540 LAYER 2 TRANSPORT NEXT HOP 219.1.1.1 EDGE CORE REMOVE LABEL IN LABEL 2 7 IN LABEL OUT LABEL LABEL SWAPPING FIGURE 5 6 IN LABEL OUT LABEL LABEL SWAPPING 530 5 510 OUT LABEL 5 ASSIGN INITIAL LABEL CORE LAYER 2 TRANSPORT EDGE IP ADDR. 192.4/16 192.4.2.1

520b

200

520a

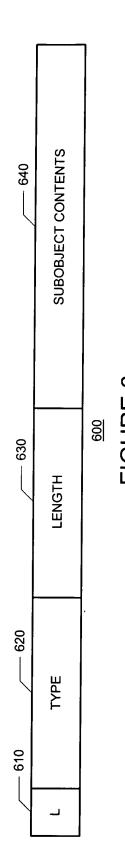


FIGURE 6

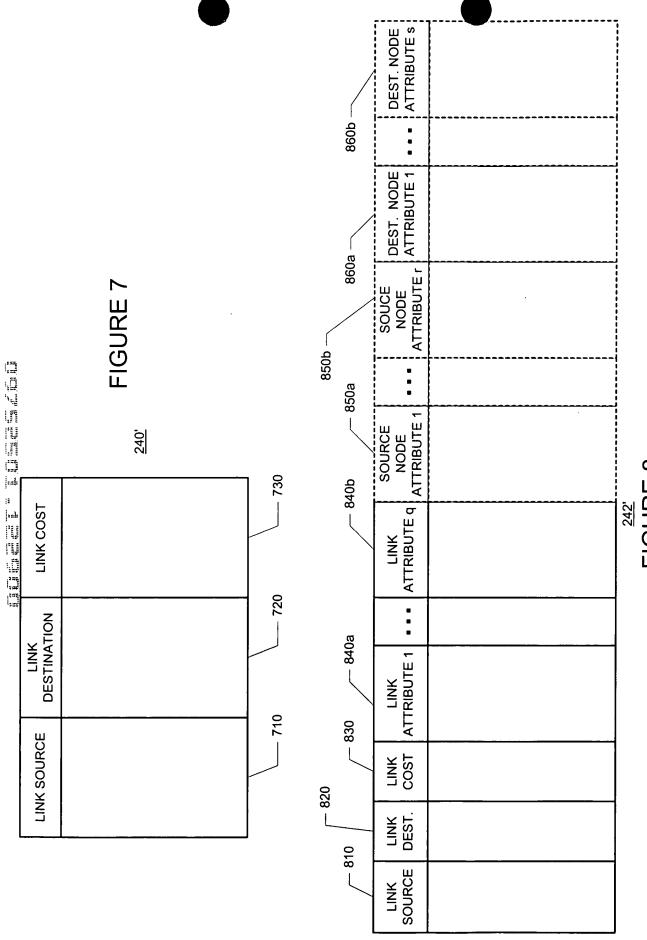


FIGURE 8

FIGURE 9 260' - 950 - 1040 NEXT HOP ADDRESS **OUT LABEL** - 940 -1030OUTPUT PORT (LINK) OUT PORT (LINK) - 930 -1020DESTINATION ADDRESS AS IN LABEL 920 - 1010 DESTINATION ADDRESS AREA IN PORT (LINK) **—** 910 DESTINATION ADDRESS

FIGURE 10

262

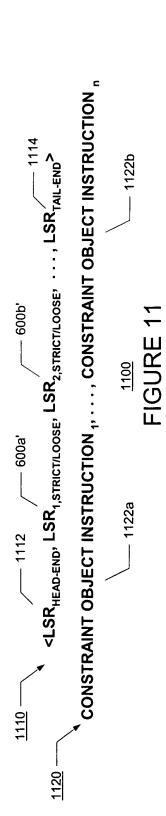
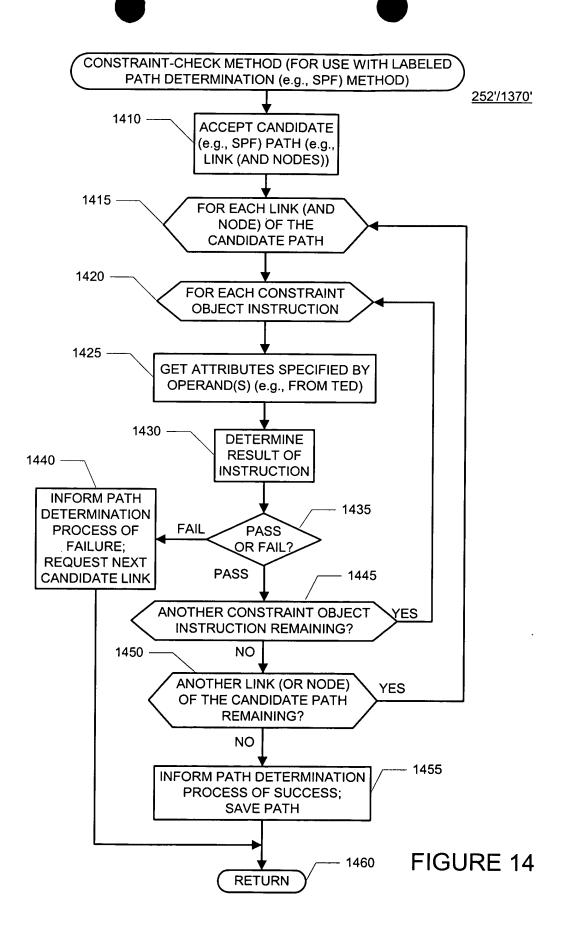
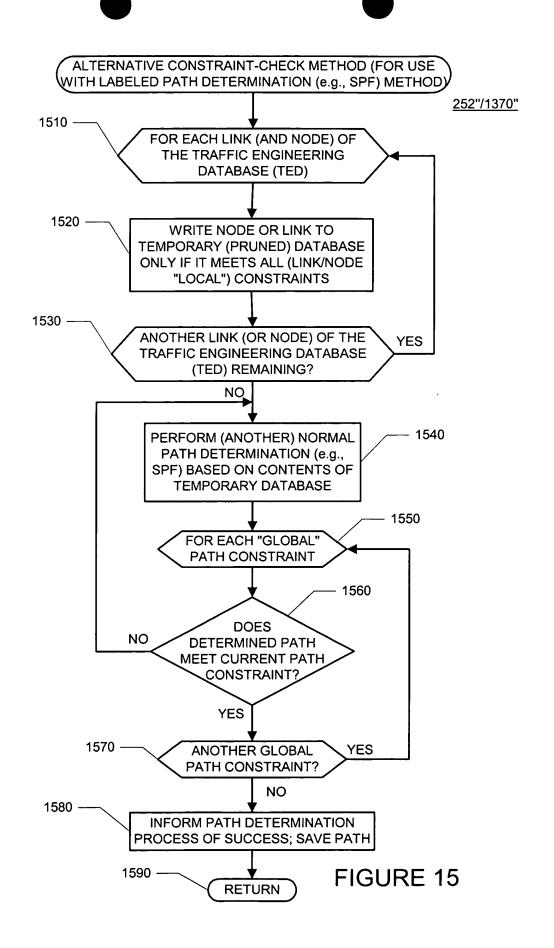
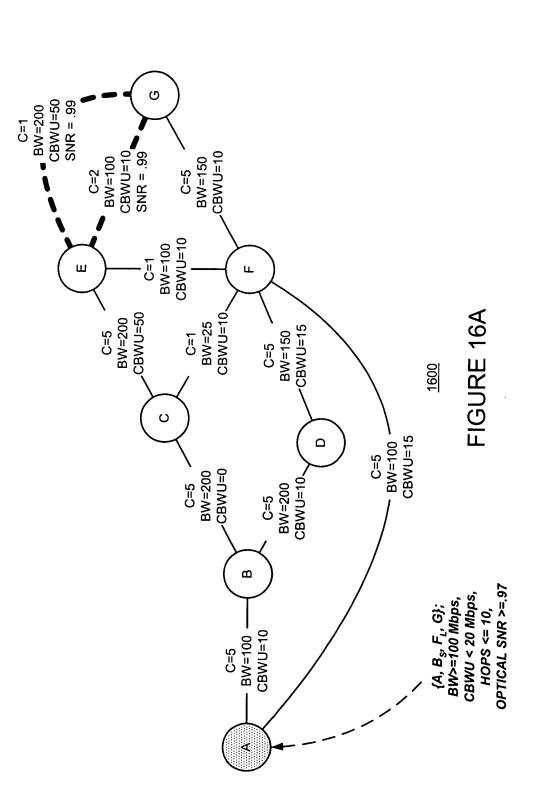


FIGURE 12







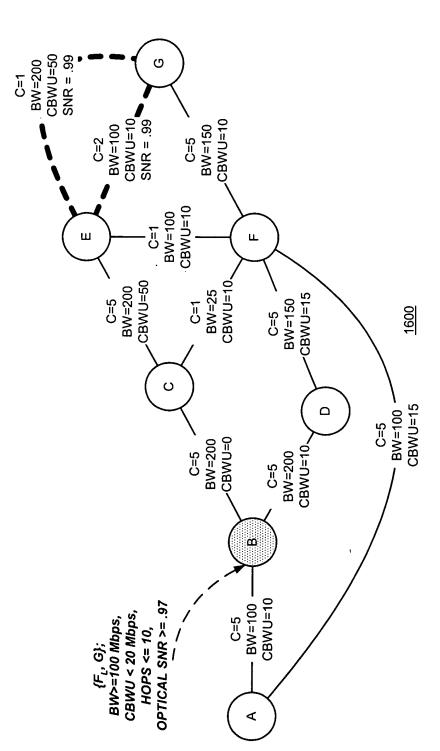
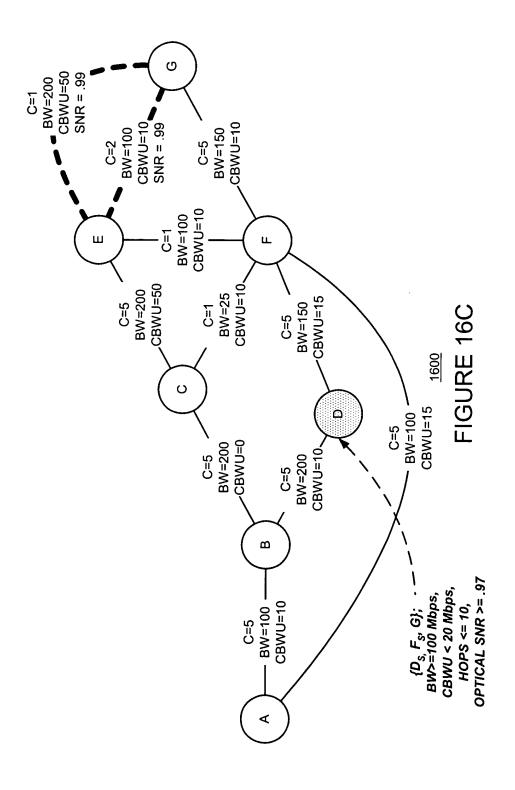
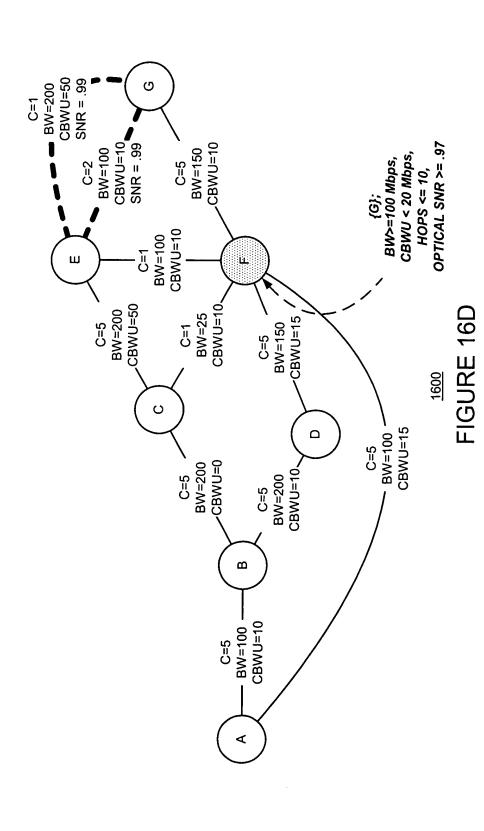
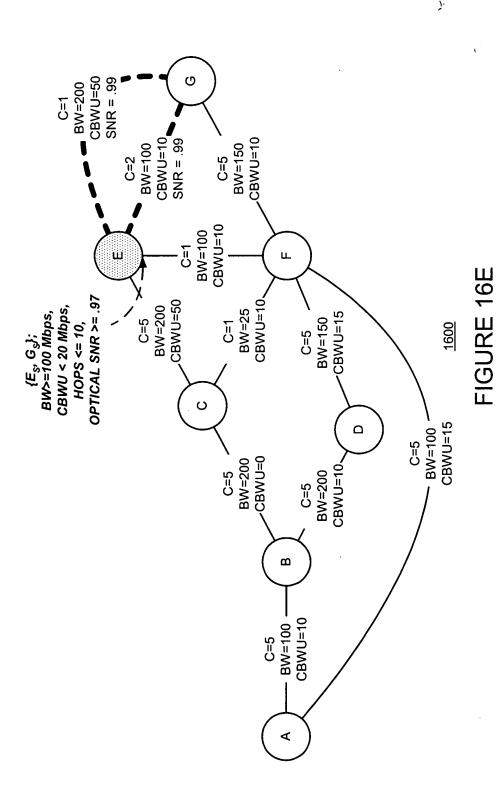


FIGURE 16B





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